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# Apple Macintosh Interface

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## General

This appendix describes, with the aid of illustrations, the connection of the Apple Macintosh computer to the SL-1 switch.

The Apple Macintosh can be connected with twisted pair wire to a port of an Asynchronous Interface Line Card (AIRC) to allow it access to the SL-1 switching capabilities.

The Macintosh may then access local or remote terminals, personal computers, other computers and data bases by using the SL-1 networking features.

## Equipment interface

The QPC430 AIRC is used to connect the Macintosh to the SL-1 Switch (Figure 1 and 2).

The Macintosh may be located up to 4,000 ft (1,220 m) from the AIRC.

## Related Documents

Detailed information about the AIRC and AIRC installation procedures may be found in the following Northern Telecom Practices (NTP):

- *Meridian Data Services description* (553-2731-100)
- *Meridian data features operation and tests* (553-2731-300)

## Installation

Pins 4, 5, 8, and 9 of the Macintosh modem jack are connected via twisted wire pairs to the AILC. The signals provided at the pins are:

|       |     |
|-------|-----|
| Pin 5 | SDA |
| Pin 4 | SDB |
| Pin 9 | RDA |
| Pin 8 | RDB |

### Without telephone

Use a 6-wire teledapt cord that is equipped with a 9-pin subminiature D jack on one end. The other end of the cord should be equipped to connect through a plug/jack or connecting block arrangement to the AILC (Figure 1).

Connect the 9-pin subminiature D jack to the modem plug of the Macintosh.

Connect the other end of the cord through the SL-1 MDF to the AILC.

### With telephone

Use a 4-wire teledapt cord that is equipped with a 9-pin subminiature D jack on the one end. The other end of the cord should be equipped to connect to a RJ-11 telephone connection block (Figure 2).

Use a 6-wire teledapt cord to connect from the RJ-11 telephone connection block the SL-1.

Connect the 9-pin subminiature D jack to the modem plus of the Macintosh.

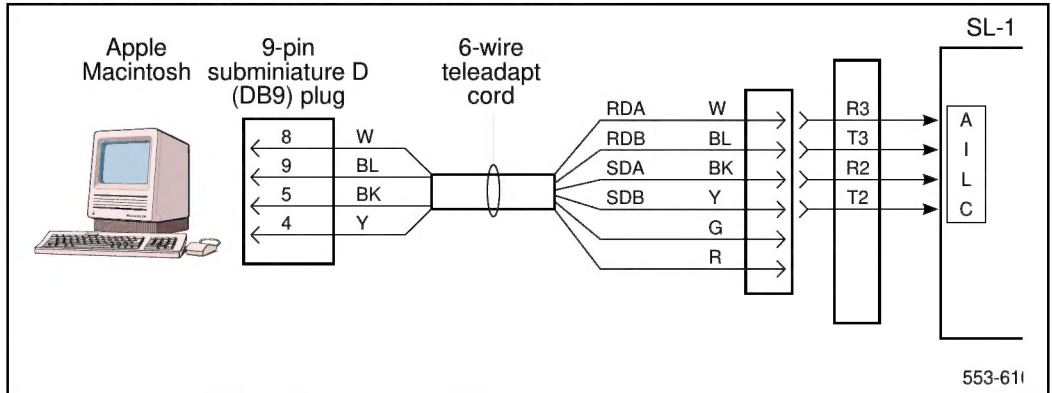
Connect the 6-wire teledapt cord to the other side of the RJ-11 block.

Connect the other end of the 6-wire cord to the SL-1 MDF to the AILC and the Voice Line Card (VLC).

**Note:** Ensure that the pin wire connections and continuity are maintained.

Attach a 500 or 2500 telephone set to the RJ-11 block.

**Figure 1**  
**Macintosh to SL-1 connection—without telephone**



**Figure 2**  
**Macintosh to SL-1 connection—with telephone**

